

Date: Fri, 28 Jan 94 04:30:07 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #82
To: Info-Hams

Info-Hams Digest Fri, 28 Jan 94 Volume 94 : Issue 82

Today's Topics:

FCC RF Spectrum Allocation?
Omni VI/ FT990 comparisons
ORBS\$028.2L.AMSAT
SWR/CB question.
TF3CW QSL address

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 25 Jan 1994 19:46:41 GMT
From: sgiblab!swrinde!cs.utexas.edu!howland.reston.ans.net!europa.eng.gtefsd.com!
news.umbc.edu!eff!news.kei.com!yeshua.marcam.com!zip.eecs.umich.edu!
news2.cis.umn.edu!news-feed-2.@pacbell.com
Subject: FCC RF Spectrum Allocation?
To: info-hams@ucsd.edu

Robert J. Keller (rjk@access1.digex.net) wrote:

: I don't have handy at the moment where on the net you might find this,
: but the FCC's spectrum allocations are set forth in Part 2 of its Rules.
: You need Subpart B of Part 2 of Title 47 of the Code of Federal
: Regulations. In legalese (not that the foregoing was actually English)
: that is "47 C.F.R. sections 2.100 - 2.108 and it is called the
: "Allocation, Assignment, and Use of Radio Frequencies," more commonly
: called, the Table of Allocations.

: I recall seeing that there is a Gopher site somewhere that is

: experimentally offering access to at least some portions of CFR, but
: unfortunately I don't have the reference handy at the moment.

If you have a WWW Browser (such as Mosaic), we have an Amateur Radio
page that has links to the FCC Part 97 rules and regs.

Right now the files are in text format, but that will soon change
as I'm formatting them for html soon.

The URL is
<http://www.acs.ncsu.edu:80/HamRadio>

: Good luck.
: --
: Bob Keller (KY3R) rjk@telcomlaw.win.net Tel 301.229.5208 Fax 301.229.6875

Enjoy!

--
Lou Williams (nsyslaw@acs.ncsu.edu) | aka: KE4ARM
Unix Systems Programmer | Phone: (919) 515-2794
NCSU Administrative Computing Services | FAX: (919) 515-3787

January 20th, 1993, The Raw Deal Countdown continues:
Day 366 for the poor & middle class.
Day 385 for the rich & the dead. (due to retroactivity)
1094 Days remaining for all of us.

Date: 25 Jan 94 21:49:24 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!spool.mu.edu!
news.cs.indiana.edu!bsu-cs!bsu-ucs.uucp!00tlzivney@network.ucsd.edu
Subject: Omni VI/ FT990 comparisons
To: info-hams@ucsd.edu

In article <milewski-240194100218@fp2-st-affairs-11.uoregon.edu>,
milewski@oregon.uoregon.edu (Steve Milewski) writes:
> In a recent posting, I mentioned that purchased an Omni VI within the last
> month. Since that posting, several hams have replied asking for my opinions
> of the radio.
>
> One of those hams was asking for my comparison of the Omni VI with the
> FT-990 since he was contemplating the purchase of one or the other rigs.
>
> To help him and others who might be in the same quandry, has anyone

> performed any side by side comparisons or have direct experience with each
> radio?
>
> If so, please post your likes/dislikes about each.
>
> Thanks,
> Steve

The latest issue of Radio Communications has a good (i.e., informative) review of the OMNI VI. The respected reviewer notes that the Ten Tec still has the very best close in selectivity and performance of any rig available to amateurs. The margin is as much as 20 db better than the high priced competition.

Terry Zivney, N4TZ

Date: 28 Jan 94 05:10:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$028.2L.AMSAT
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-028.N
2Line Orbital Elements 028.AMSAT

HR AMSAT ORBITAL ELEMENTS FOR AMATEUR SATELLITES IN NASA FORMAT
FROM WA5QGD FORT WORTH,TX January 28, 1994
BID: \$ORBS-028.N

DECODE 2-LINE ELSETS WITH THE FOLLOWING KEY:

1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCCC 00000-0 00000-0 0 DDDZ
2 AAAAA EEE.EEEE FFF.FFFF GGGGGGG HHH.HHHH III.IIII JJ.JJJJJJJKKKKKZ
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

TO ALL RADIO AMATEURS BT

AO-10

1 14129U 83058B 94024.05103246 -.00000157 00000-0 10000-3 0 2554
2 14129 27.1974 345.0665 6022479 148.8987 267.9531 2.05878528 79816

UO-11

1 14781U 84021B 94022.54990237 .00000220 00000-0 45296-4 0 6599
2 14781 97.7943 44.0471 0012732 20.1247 340.0459 14.69126429528928

RS-10/11

1 18129U 87054A 94024.51112470 .00000029 00000-0 15038-4 0 8569
2 18129 82.9229 75.0490 0013261 65.1117 295.1421 13.72330004330209

AO-13

1	19216U	88051B	94024.72776868	-.000000474	000000-0	10000-4	0	8687
2	19216	57.8659	271.7520	7209858	333.3841	3.3067	2.09727795	43003
FO-20								
1	20480U	90013C	94022.02498298	.000000032	000000-0	15169-3	0	6533
2	20480	99.0150	201.5769	0540715	310.7310	44.8065	12.83224067185384	
AO-21								
1	21087U	91006A	94022.59338267	.000000094	000000-0	82657-4	0	4185
2	21087	82.9419	250.4473	0036137	127.9378	232.5054	13.74532122149583	
RS-12/13								
1	21089U	91007A	94023.25486395	.000000069	000000-0	56901-4	0	6578
2	21089	82.9234	118.9396	0029748	149.4078	210.8818	13.74034012148747	
UO-14								
1	20437U	90005B	94023.72027674	.000000090	000000-0	52127-4	0	9588
2	20437	98.6014	110.4232	0010738	258.1040	101.8939	14.29818845208942	
AO-16								
1	20439U	90005D	94023.71142341	.000000036	000000-0	30887-4	0	7596
2	20439	98.6085	111.4985	0010626	257.4103	102.5891	14.29874323208955	
DO-17								
1	20440U	90005E	94023.19000664	.000000033	000000-0	29953-4	0	7589
2	20440	98.6093	111.2588	0010786	258.6026	101.3939	14.30012183208890	
WO-18								
1	20441U	90005F	94023.72257873	.000000022	000000-0	25461-4	0	7594
2	20441	98.6090	111.7965	0011363	257.4262	102.5650	14.29988660208975	
LO-19								
1	20442U	90005G	94023.78031134	.000000035	000000-0	30616-4	0	7582
2	20442	98.6095	112.0754	0011686	257.0604	102.9274	14.30082457208994	
UO-22								
1	21575U	91050B	94022.73955110	.000000077	000000-0	40784-4	0	4595
2	21575	98.4491	100.0846	0008316	9.2228	350.9110	14.36884103132190	
KO-23								
1	22077U	92052B	94023.85609254	-.000000037	000000-0	10000-3	0	3543
2	22077	66.0869	222.1744	0008987	324.6351	35.4071	12.86283752	68225
AO-27								
1	22825U	93061C	94024.20805866	.000000024	000000-0	27909-4	0	2565
2	22825	98.6679	101.3787	0008002	272.5619	87.4646	14.27602782	17142
IO-26								
1	22826U	93061D	94024.19945571	.000000014	000000-0	23681-4	0	2575
2	22826	98.6696	101.3894	0008709	274.0164	86.0022	14.27705052	17144
KO-25								
1	22830U	93061H	94023.12145410	.000000032	000000-0	30191-4	0	2581
2	22830	98.5680	99.1055	0010832	241.2500	118.7594	14.28028626	16999
NOAA-9								
1	15427U	84123A	94024.84111918	.000000066	000000-0	59541-4	0	6907
2	15427	99.0714	73.5136	0014254	265.0534	94.9011	14.13582049470098	
NOAA-10								
1	16969U	86073A	94024.90557717	.000000046	000000-0	37988-4	0	5899
2	16969	98.5115	38.2683	0014216	30.0469	330.1524	14.24859195382209	
MET-2/17								

1	18820U	88005A	94023.43390413	.000000030	00000-0	13903-4	0	2564
2	18820	82.5388	23.7309 0015197	225.1306	134.8627	13.84705138302322		
MET-3/2								
1	19336U	88064A	94022.60025047	.000000051	00000-0	10000-3	0	2587
2	19336	82.5388	66.7138 0015665	267.7785	92.1551	13.16963643264090		
NOAA-11								
1	19531U	88089A	94024.88940835	.000000109	00000-0	83750-4	0	4932
2	19531	99.1591	10.3872 0011598	172.3595	187.7754	14.12952794274985		
MET-2/18								
1	19851U	89018A	94023.59752591	.000000060	00000-0	40876-4	0	2573
2	19851	82.5221	259.1929 0013085	276.2886	83.6783	13.84355919247689		
MET-3/3								
1	20305U	89086A	94025.10426049	.000000044	00000-0	10000-3	0	9753
2	20305	82.5515	8.9014 0005987	291.9052	68.1464	13.04413358204240		
MET-2/19								
1	20670U	90057A	94023.30001472	.000000024	00000-0	79036-5	0	7580
2	20670	82.5480	323.5522 0014995	189.5054	170.5826	13.84186867180578		
FY-1/2								
1	20788U	90081A	94025.10148604	-.000000261	00000-0	-14487-3	0	8770
2	20788	98.8447	49.7771 0015332	50.8207	309.4318	14.01330340173668		
MET-2/20								
1	20826U	90086A	94023.60305417	.000000086	00000-0	64453-4	0	7577
2	20826	82.5264	261.0126 0014611	90.7607	269.5239	13.83571525167760		
MET-3/4								
1	21232U	91030A	94021.18358038	.000000050	00000-0	10000-3	0	6654
2	21232	82.5452	273.5216 0012567	190.0068	170.0806	13.16458840132018		
NOAA-12								
1	21263U	91032A	94024.83275922	.000000103	00000-0	65616-4	0	8997
2	21263	98.6348	55.6700 0012386	295.2559	64.7335	14.22359980140156		
MET-3/5								
1	21655U	91056A	94022.55531684	.000000051	00000-0	10000-3	0	6610
2	21655	82.5514	219.5787 0012818	199.5298	160.5334	13.16827463117291		
MET-2/21								
1	22782U	93055A	94023.09460165	.000000054	00000-0	36379-4	0	2570
2	22782	82.5520	321.4145 0021234	275.1244	84.7497	13.82997383 20039		
MIR								
1	16609U	86017A	94024.89373306	.000003418	00000-0	48239-4	0	1136
2	16609	51.6149	185.5066 0004274	238.4510	121.6066	15.59707808453690		
HUBBLE								
1	20580U	90037B	94022.24851824	.000000856	00000-0	70654-4	0	4300
2	20580	28.4686	93.3100 0006047	4.5503	355.5137	14.90434303 7592		
GRO								
1	21225U	91027B	94021.73753211	.000003487	00000-0	78864-4	0	570
2	21225	28.4607	168.1175 0003410	4.1032	355.9593	15.39868197 34337		
UARS								
1	21701U	91063B	94022.08009544	-.000000161	00000-0	69500-5	0	4660
2	21701	56.9837	24.5158 0005011	99.9306	260.2285	14.96313760129062		
POSAT								

1 22829U 93061G 94024.17496986 .00000112 00000-0 62960-4 0 2490
2 22829 98.6636 101.3681 0009514 260.3974 99.6130 14.27999725 17149
/EX

Date: 28 Jan 1994 06:04:20 GMT
From: usc!howland.reston.ans.net!news.intercon.com!udel!pacs.sunbelt.net!
lynx.unm.edu!dns1.NMSU.Edu!gereiswi@network.ucsd.edu
Subject: SWR/CB question.
To: info-hams@ucsd.edu

Sorry to post this here, but I got no responses on the CB group...bear with me.

I have a couple of questions about a CB problem. I have an ancient SBE Brute CB which I inherited. I purchased a new antenna, and hooked up the thing to an SWR meter.

1. For one thing, the connectors between the antenna and coax don't lend themselves to SWR-meter hookup. I hooked up the meter between the radio and the coax. Is this useless? Does it have to go between coax and antenna?

2. Also, thanks to some substance (syrup, honey, tar...) on the mic button, the radio got stuck on transmit whilst I unhooked the SWR meter. A minute later, I smelled that telltale smell, and noticed that the chassis was hot. What is likely to have been damaged? The measured (A la #1) SWR reading was somewhat lower than before, but the radio still seems to work. Is this something I can fix? What should I replace? Is this living fossil worth it? Any suggestions are much appreciated.

73 from a STILL un-callsign guy, George

Date: Fri, 28 Jan 1994 05:36:46 GMT
From: netcomsv!netcom.com!slay@decwrl.dec.com
Subject: TF3CW QSL address
To: info-hams@ucsd.edu

Scott Richard Rosenfeld (ham@wam.umd.edu) wrote:
: I worked TF3CW on Sunday afternoon, and wonder if anyone has a recent QSL
: direct address for him?

My QSL from TF3CW for a QSO in 1991 shows the following address:

Sigurdur Jakobsson
Bakkavor 34
170 Seltjarnarnes

ICELAND

73 de Sandy WA6BXH/7J1ABV

End of Info-Hams Digest V94 #82
